NGFF DX1

The NGFF DX1 is a NAND flash memory device which provides high reliability and high performance for storage media. NGFF DX1 is substantially smaller, lighter, and consumes less power while still providing sufficient storage space to load an OS and serve as a bootable drive for embedded applications.

Measuring only 22.0 x 80.0 x 3.5mm, the NGFF DX1 can be easily mounted into Ultrabooks without any cables and provides fast read and write speeds of up to with high reliability. The SATA III interface provides extremely fast read and write speeds and the physical specifications meet the Next Generation Form Factor. It can also be easily used as a storage solution for servers and in the medical industry.

Physical Specifications

Form Factor	80 mm M.2
Capacity	32 GB to 256 GB
Internal Cache	256 MB DDR3
Dimensions	22.0 x 80.0 x 3.5 mm
NAND Flash	MLC/SLC
Interface	SATA III
Power Supply	3.3V +/-5%

Environmental Specifications

Shock (Operating)	1500G
Vibration (Operating)	16G
Operating Temperature (Industrial)	-40°C ~ 85°C
Operating Temperature (Commercial)	0°C ~ 70°C

Reliability Specifications

MTBF	+1,000,000 hours
Data Reliability	Built in EDC/ECC function

Ordering Information

Part Number	NAND Capacity
FN8032JCRM	32 GB
FN8064JCRM	64 GB
FN8128JCRM	128 GB
FN8256JCRM	256 GB

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